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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER BARK-1-24115		
U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5)		
INTERNATIONAL APPLICATION NO. PC-T/GB03/02513	INTERNATIONAL FILING DATE June 11, 2003	PRIORITY DATE CLAIMED June 11, 2002; July 24, 2002
TITLE OF INVENTION PIPELINE PIG		
APPLICANT(S) FOR DO/EO/US Simon SANDERS		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by **Express Mail**:

- X 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- _____ 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
- X 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- X 4. The U.S. has been elected (Article 31).
- X 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- _____ a. is attached hereto (required only if not communicated by the International Bureau).
- X _____ b. has been communicated by the International Bureau.
- _____ c. is not required, as the application was filed in the United States Receiving Office (RO/US).
- _____ 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)):
- _____ is attached hereto.
- _____ has been previously submitted under 35 U.S.C. 154 (d)(4).

- X 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- _____ a. are attached hereto (required only if not communicated by the International Bureau).
- X b. have been communicated by the International Bureau.
- _____ c. have not been made; however, the time limit for making such amendments has NOT expired.
- _____ d. have not been made and will not be made.
- _____ 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- _____ 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- _____ 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

- X 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- _____ 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- X 13. A preliminary amendment.
- X 14. An Application Data Sheet under 37 C.F.R. 1.76.
- _____ 15. A substitute specification.
- _____ 16. A power of attorney and/or change of address letter.
- _____ 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 – 1.825.
- X 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
- _____ 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- _____ 20. Other items or information:

21. The following fees are submitted:					
<u>X</u> a) Basic national fee..... \$300				\$300	
<u>X</u> b) Examination fee..... \$200				\$200	
<u>X</u> c) Search fee \$500				\$500	
TOTAL OF ABOVE CALCULATIONS \$1,000				\$1,000	
___ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50 =		x \$250	---	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$---	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	27 - 20 =	7	X \$50	\$350	
Independent claims	2 - 3 =	0	X \$200	\$--	
MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$360	\$--	
TOTAL OF ABOVE CALCULATIONS =				\$1350	
<u>X</u> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$675	
SUBTOTAL =				\$675	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$---	
TOTAL NATIONAL FEE =				\$675	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$---	
TOTAL FEES ENCLOSED =				\$675	
			Amount to be: refunded	\$	
			Amount to be charged	\$	

X a. A check in the amount of \$675 covering the above fees is enclosed. Check No. 160026.

- _____ b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- X _____ c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

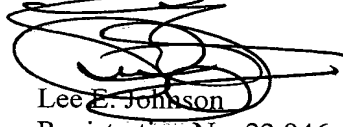
SEND ALL CORRESPONDENCE TO:

Customer No. 26389

Lee E. Johnson
CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{PLLC}
1420 Fifth Avenue
Suite 2800
Seattle, WA 98101

Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}



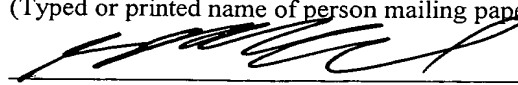
Lee E. Johnson
Registration No. 22,946
Direct Dial No. 206.695.1701
E-Mail Address: lee@cojk.com

EXPRESS MAIL CERTIFICATE

Express Mail No.: EV 535893744 US
Date of Deposit: December 10, 2004

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregg Peria-Hansen
(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

PAS/bhp